

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A compressor comprising:
 - a cylinder block which has a cylinder bore to accommodate a piston;
 - a crank chamber which is provided at one end of the cylinder block;
 - a suction chamber and a discharge chamber that are provided at the other end of the cylinder block;
 - a valve that is provided between the cylinder bore and the suction chamber and between the cylinder bore and the discharge chamber;
 - a valve plate provided with the valve and having a suction hole to communicate between the cylinder bore and the suction chamber and a discharge hole to communicate between the cylinder bore and the discharge chamber;
 - a suction valve provided with the valve and assemble to the side of the cylinder bore of the valve plate, and the suction valve is comprised of a flexible plate to be able to open and close the suction hole;
 - a drive shaft that is rotatably and axially supported within the crank chamber to reciprocally actuate the piston; and
 - a valve structure in which the suction valve is formed with a suction valve main body, and an opposing part that is integrally formed on the suction valve main body, and faces the suction hole and a valve seat at the opening edge of the suction hole so as to be able to open and close the suction hole, and clearance forming means, which forms a predetermined clearance between the opposing part and the valve seat by isolating the opposing part from the valve seat by a predetermined distance, is formed on at least one of the valve plate and the suction valve, wherein
there is no gap in the valve structure except for the opposing part.

2. (Original) The compressor according to claim 1, wherein
the clearance forming means comprises a coating layer having a predetermined
thickness coated on at least one of the valve plate main body excluding the valve seat at
the opening edge of the suction hole and the suction main body.
3. (Cancelled)
4. (Cancelled)
5. (Currently amended) The compressor according to claim 1, wherein
the clearance forming means comprises a concave portion provided by having a
range where at the edge of the suction hole of the valve plate including the valve seat
and is formed thinner than the other valve plate main body,
~~and wherein an outer edge step of a groove provided around the valve seat is
chamfered or rounded and wherein a groove formed thinner than the valve seat is
provided in periphery of the valve seat so that the groove surrounds the suction
hole.~~
6. (Original) The compressor according to claim 1, wherein
the clearance forming means comprises a concave portion provided by having a
range where at the edge of the suction hole of the valve plate including the valve seat and
is formed thinner than the other valve plate main body,
and wherein a groove is provided around the valve seat, and width of the
groove of a one part is bigger than the width of other parts of the groove.
7. (Currently amended) The compressor according to claim 5 or 6, wherein
the upper surface of the valve seat is chamfered or rounded.
8. (Cancelled)

9. (New) The compressor according to claim 5, wherein an outer edge step of the groove is chamfered or rounded.
10. (New) The compressor according to claim 1, wherein the clearance forming means is comprised of a groove formed in the suction valve.
11. (New) The compressor according to claim 6, wherein the upper surface of the valve seat is chamfered or rounded.
